

Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1–10. (Cancelled).

11. (Currently amended) A hotmelt adhesive comprising a polyurethane ~~obtainable~~ obtained by reacting a polyisocyanate, a polyester formed from a dimer fatty acid and/or dimer fatty diol, and a chain extender, wherein the polyester is additionally formed from a 1,4:3,6 dianhydrohexitol and/or the chain extender comprises a 1,4:3,6 dianhydrohexitol.

12. (New) A polyurethane according to claim 11 wherein the chain extender comprises a 1,4:3,6 dianhydrohexitol, and optionally the polyester is additionally formed from a 1,4:3,6 dianhydrohexitol.

13. (New) A polyurethane according to claim 11 wherein the polyester is additionally formed from a non-dimer acid, and the ratio of dimer fatty acids to non-dimer acids is in the range from 30:70% to 70:30% by weight of the total dicarboxylic acids.

14. (New) A polyurethane according to claim 13 wherein the non-dimer acid comprises adipic acid.

15. (New) A polyurethane according to claim 11 wherein the polyester is formed from dimer fatty acid, adipic acid and 1, 6-hexylene glycol.

16. (New) A polyurethane according to claim 11 wherein the dimer fatty acid content of the polyurethane is in the range from 10 to 40% by weight.

17. (New) A polyurethane according to claim 11 wherein the 1,4 :3,6 dianhydrohexitol content of the polyurethane is in the range from 2 to 10% by weight.
18. (New) A polyurethane according to claim 11 wherein the 1,4 :3,6 dianhydrohexitol comprises isosorbide.
19. (New) A polyurethane according to claim 11 wherein the green strength value is greater than 50 kPa after 1 minute, and/or greater than 200 kPa after 5 minutes, and/or greater than 300 kPa after 30 minutes.
20. (New) A polyurethane according to claim 11 wherein the tensile strength is in the range from 30 to 200 KGCM2 and/or the elongation at break is in the range from 250 to 550%.
21. (New) A process for preparing a polyurethane which comprises (i) reacting a polyisocyanate with a polyester formed from a dimer fatty acid and/or dimer fatty diol, to form an isocyanate-terminated prepolymer, and (ii) reacting the prepolymer with a chain extender, wherein the polyester is additionally formed from a 1,4:3,6 dianhydrohexitol and/or the chain extender comprises a 1,4:3,6 dianhydrohexitol.